

Figure 1

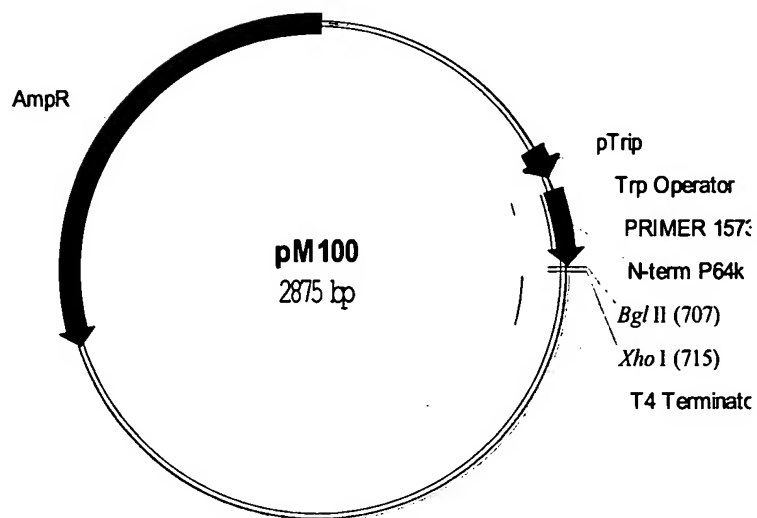


Figure 2

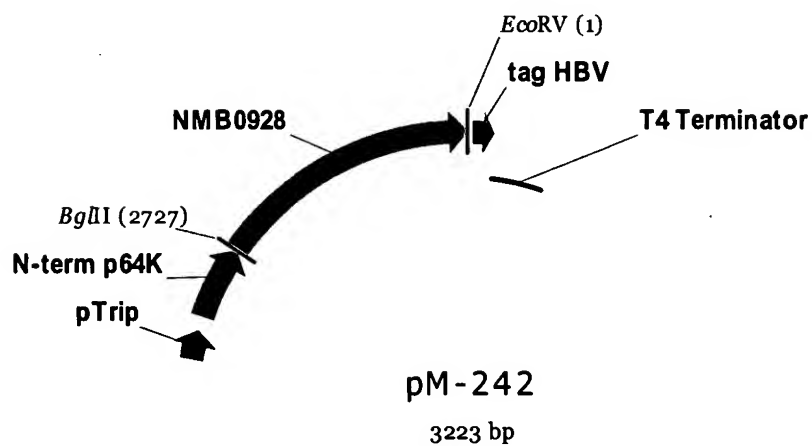


Figure 3

1 2

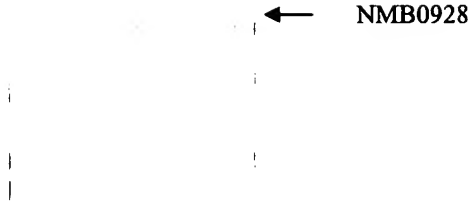


Figure 4

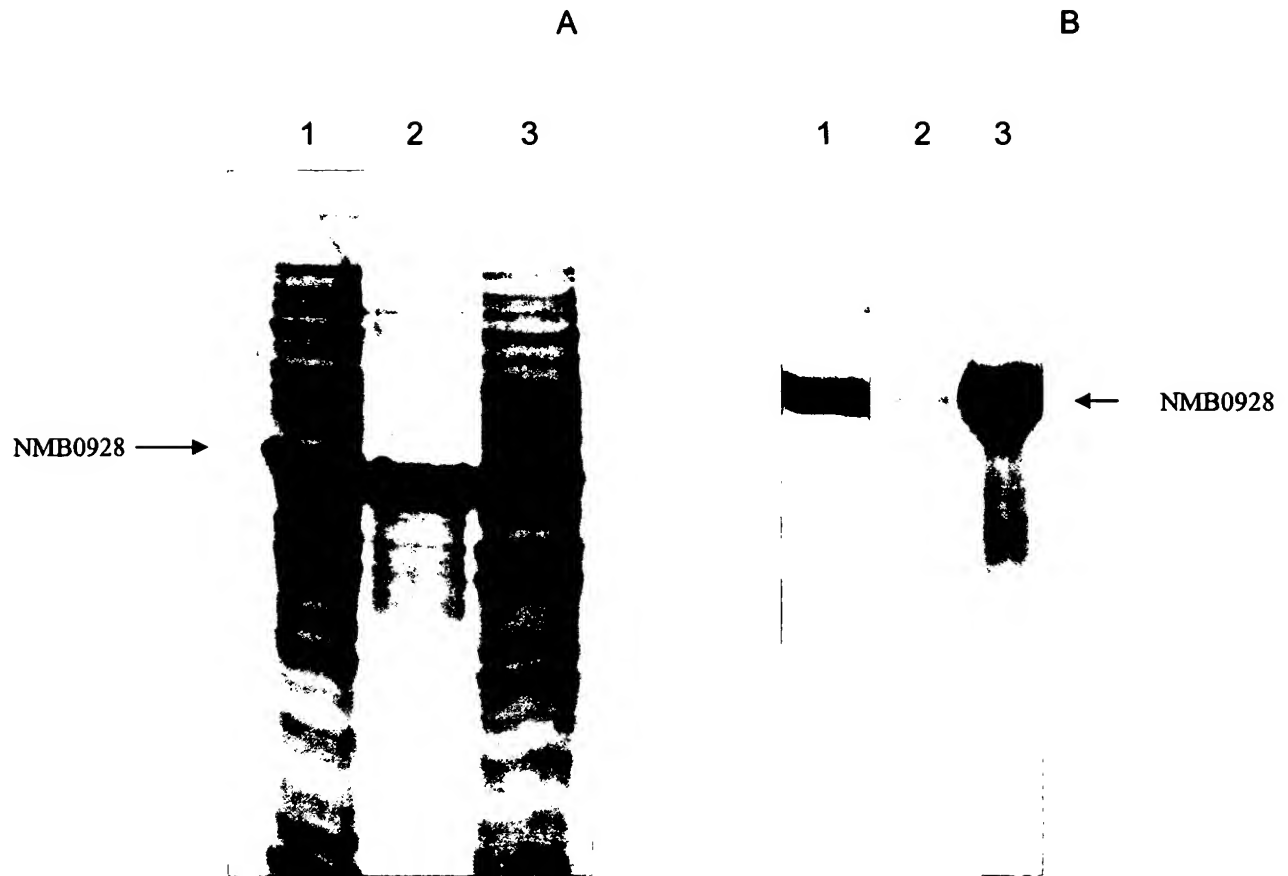


Figure 5

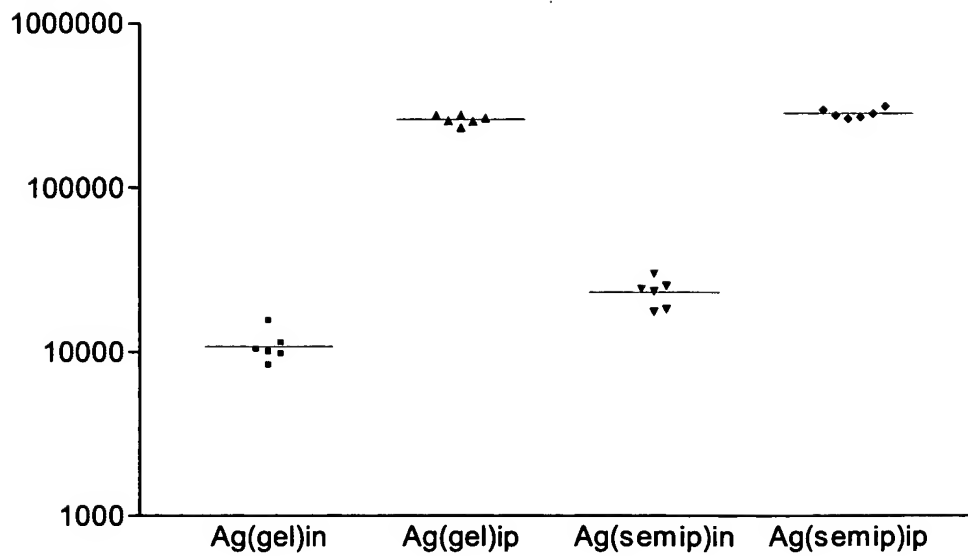


Figure 6

1 2

← **NMB0928**

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Sbjct: 484 ggttcggggcgccgtccgcgcagcgatttggaaaaacgcgcacaccacgcgtccaacag 543

Query: 182 cctgccgatgccgaagtattgaaaagcgtcaaagggtgtccgcctcgagcgcgacggcagc 241
|||||

Sbjct: 544 cctgccgatgccgaagtattgaaaagcgtcaaagggtgtccgcctcgagcgcgacggcagc 603

Query: 242 caacgcctggctcgttgtcgacggcaagtctcctgccgaaatctggccgctcctgaaagcc 301
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Sbjct: 604 caacgcctggctcgttgtcgacggcaagtctcatgccgaaatctggccgctcctgaaagcc 663

Query: 302 ttttggcaggaaaaacggcttcgacatcaaatccgaagaacccgccatcgacaaaaggaa 361
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Sbjct: 664 ttttggcaggaaaaacggcttcgacatcaaatccgaagaacccgccatcgacaaaaggaa 723

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Sbjct: 724 accgagtggcggaacacgcgcacaaatcccccaagacagcttgccgcgcctatttcgac 783

Query: 422 aaagtcggcttggcgggcatctactccacggcgagcgcgacaaattcatcgctccgtatc 481
| |||||

Sbjct: 784 acagtcgggttggcgggcatctactccacggcgagcgcgacaaattcatcgctccgtatc 843

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Sbjct: 844 gaacagggcaaaaacggcggtttccgacatcttcttcgcccacaaagccatgaaagaagt 903

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Query: 902 ctgggcaaaaggcaaaaggagaaacctgccgaacagccggaactgattgtctatgcagaa 961
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|||||

Sbjct: 1384 aaagacgcatccgcattattgggcaaactccattccga 1421

Neisseria meningitidis serogroup A
>Nmeningitidis Z2491:gi 7379817 1073887 1072760 putative
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Identities = 1041/1058 (98%)
Strand = Plus / Plus

Query: 2 ggcagcaaaaccgaacagcccaagctcgactaccaagccggtcgaccgcctgatcaaa 61
|||||
Sbjct: 61 ggcagcaaaaccgaacagcccaagctcgactaccaagccggtcgaccgcctgatcaaa 120

Query: 62 cttgaagtcccacctgatttgaacaaccccgaccaaggcaacctctaccgcctgcctgcc 121
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Sbjct: 121 ctcgaagtcccacctgatttgaacaaccccgaccaaggcaacctctaccgcctgcctgcc 180

Query: 122 ggttcggggcgcggtccgcgccaatattggaaaaacgcgcacacccacggtccaacag 181
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Sbjct: 181 ggttcggggcgcggtccgcgccaatattggaaaaacgcgcacacccacggtccaacag 240

Query: 182 cctgccgatgccgaagtattgaaaagcgtcaaagggtgtccgcctcgagcgcgacggcagc 241
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Sbjct: 241 cctgccgatgccgaagtattgaaaagcgtcaaagggtgtccgcctcgagcgcgacggcagc 300

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Sbjct: 301 caacgctgggtcgttgcgacggcaagtctcctgccgaaatctggccgctcctgaaagcc 360

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Query: 422 aaagtcgggttggggcgcatctactccacggcgagcgcgacaaattcatcggtccgtatc 481
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Sbjct: 481 acagtcgggttggggcgcatctactccacggcgagcgcgacaaattcatcggtccgtatc 540

Query: 482 gaacagggcaaaaacggcggtttccgacatcttcttcgcccaaaagccatgaaagaagtg 541
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Query: 542 tacggcggaacaaagacacgacgcgtatggcagccctcccggtccgatcccaacctc 601
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Sbjct: 601 tacggcggaacaaagacacgacgcgtatggcagccctcccggtccgatcccaacctc 660

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Query: 842 aaagccccgaacgaaagcaatgcagttaccgaacaaaaaccggcctgttcaaacgcctg 901
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Sbjct: 1081 aaagacgcatccgcattattgggcaaaactccattccga 1118

Neisseria meningitides serogrupo B
>NmeningitidisMC58:gi 7226166 944053 942857 hypothetical protein
Length = 1197

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Strand = Plus / Plus

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Query: 182 cctgccgatgccgaagtattgaaaagcgtcaaagggtgtccgcctcgagcgcgacggcagc 241
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Query: 242 caacgctggctcgttgtcgacggcaagtctcctgccgaaatctggccgctcctgaaagcc 301
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Sbjct: 370 caacgctggctcgttgtcgacggcaagtctcctgccgaaatctggccgctcctgaaagcc 429

Query: 302 ttttggcaggaaaacggcttcgacatcaaatccgaagaaccgccatcggaacaaaggaa 361
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Sbjct: 430 ttttggcaggaaaacggcttcgacatcaaatccgaagaaccgccatcggaacaaaggaa 489

Query: 362 accgagtggcggaacacggcgaacatcccccaagacagcttgcgccgctcttcgac 421
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Sbjct: 490 accgagtggcggaacacggcgaacatcccccaagacagcttgcgccgctcttcgac 549

Query: 422 aaagtcggcttggggcgcatctactccaccggcgagcgacaaattcatcgctccgtatc 481
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Sbjct: 550 aaagtcggcttggggcgcatctactccaccggcgagcgacaaattcatcgctccgtatc 609

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Sbjct: 1150 aaagacgcacccgattattgggcaaaactccattccga 1187

Neisseria gonorrhoeae

>*Neisseria gonorrhoeae* FA1090:orf928 922099 923526 PIR:C81141
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meningitidis (group B strain MD58)
Length = 1428

Score = 1685 bits (850), Expect = 0.0
Identities = 1006/1058 (95%)
Strand = Plus / Plus

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Query: 62   cttgaagtcccacctgatttgaacaaccccgaccaaggcaacctctaccgcctgcctgcc 121
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Sbjct: 424 ctcgaagtcccgctgatttgaacaaccccgaccaaggcaacctctaccgcctgcctgcc 483

Query: 122  ggttcggggcgccgtccgcgccagcaatttgaaaaacgccgcacacccaccgtccaacag 181
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Sbjct: 484 ggttcggggagccgtccgcgccagcgatttgaaaaacgccgcacacccgcctccaacag 543

Query: 182  cctgccgatgccgaagtattgaaaagcgtaaaagggtgcgcctcgagcgcgacggcagc 241
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Query: 242  caacgctggctcgttgtcgacggcaagtctcctgccgaaatctggccgctcctgaaagcc 301
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Sbjct: 604 caacgctggcttgtcgttgacggcaaatcccccgccgaaatctggccgcttctgaaagcc 663

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Sbjct: 664 ttttggcaggaaaaacggcttcgacatcgaatccgaagaacccgccatcgacaaaaggaa 723

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Query: 422  aaagtcggcttggggcgcatctactccacggcgagcgcgacaaattcatcgctccgtatc 481
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          |||
Sbjct: 844 gaacagggcaaaaacggcgtttccgacatcttcttcgcccacaaagccatgaaagaagtg 903

Query: 542  tacggcggaagacaaagacacgaccgtatggcagccctcccgctccgatcccaacctc 601
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Query: 782 gaccgcatcgggctgaccgtcgctcggtcaaaacacggaacgccacgccttcctgggtcaa 841
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Sbjct: 1144 gaccgcatcgggactgaccgtcgctcggtcaaaacacggaacgccacgccttcctgggtcaa 1203
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|||||

Query: 1022 aaagacgcacccgcattattgggcaaaactccattccga 1059
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|||||

Figure 9

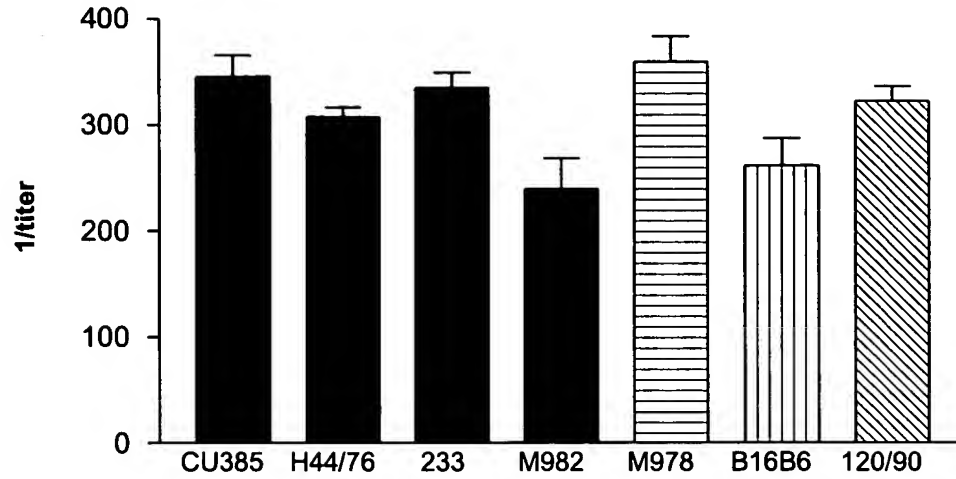


Figure 10

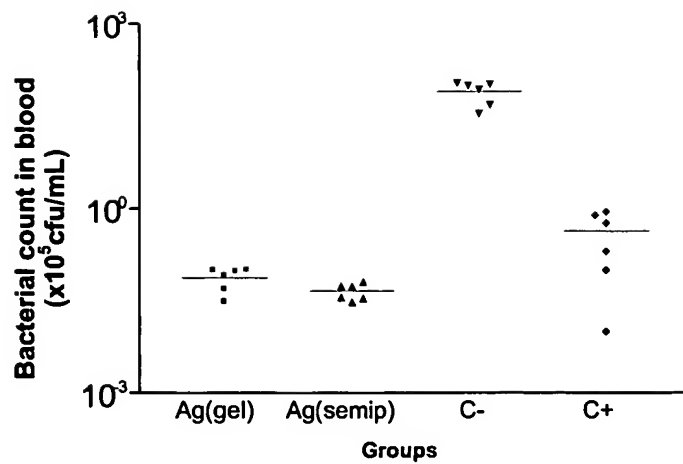


Figure 11

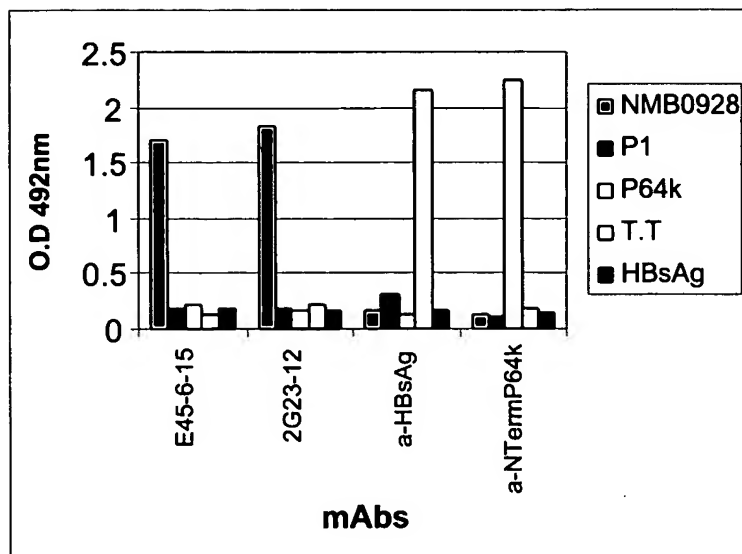


Figure 12

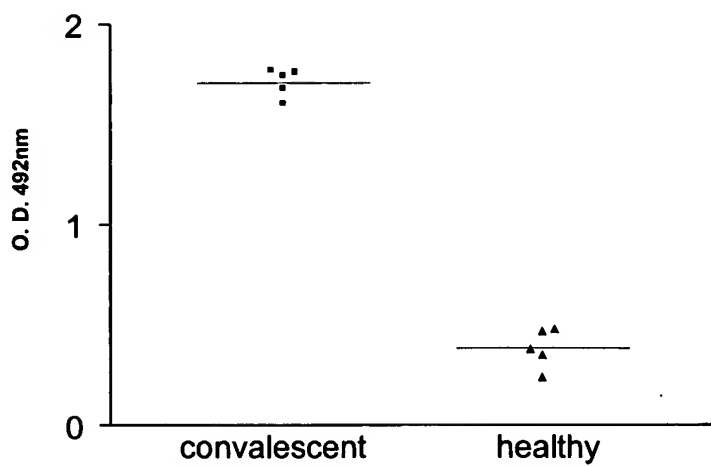


Figure 13

